Surface grinding machines, built to hold a tolerance — not to look like it

PyeahGrind is the export brand of Hangzhou Pingye Precision Machinery Co., Ltd., a Sino-Japanese joint venture founded in 2002 in Xiaoshan, Hangzhou. Eight machine lines, 49 standard models, one metrology room. Every grinder is geometrically inspected and laser-checked before it is packed.



Eight machine lines

Machine line	Table size	Control	Accuracy	Models
Manual Precision Surface Grinders	see catalogue	Manual, hand-scraped ways	0.005 mm flatness	6
Automatic Precision Surface Grinders	see catalogue	Hydraulic table, auto cross/down feed	0.005 mm flatness	12
PLC Programmable Surface Grinders	see catalogue	PLC, stored cycles, auto dressing	0.002 mm positioning	6
CNC Precision Surface Grinders	see catalogue	3-axis closed-loop CNC	0.002 mm positioning, 0.003 mm repeat	7
Gantry Series Surface Grinders	see catalogue	Double column, hydraulic or PLC	0.01–0.02 mm / 1000 mm	6
Precision Rotary Table Grinders	see catalogue	Rotary table, plc cycle	0.005 mm flatness	6
Vertical Spindle Surface Grinders	see catalogue	Vertical cup wheel, hydraulic	0.005 mm flatness	6
Surface Grinder Parts & Accessories	all models	Wheel flanges, dressers, chuck controls	—	6

How a machine is built here

• **Castings seasoned outdoors.** Meehanite-grade bases are aged for six months before machining, so the geometry you buy in year one is the geometry you still have in year eight.

• **Hand-scraped and Turcite-lined ways.** Ground ways are scraped to 12–16 points per square inch, then matched to the saddle — this is what separates a 0.005 mm machine from a 0.02 mm one.

• **Cartridge spindle assemblies.** Pre-loaded angular-contact bearings, run-in and vibration-checked at 2,850 rpm before the spindle is fitted.

• **Laser and granite inspection.** Squareness, parallelism, table flatness and spindle runout are measured and printed per serial number; the report travels with the machine.

Quality system and documentation

ISO 9001:2015 quality management, CE-conform electrical systems, and third-party inspection on request (SGS, TÜV or your own engineer). Documentation set: operation manual, electrical schematic, hydraulic schematic, PLC/CNC parameter backup, inspection report and a packed spare-parts list.

Export terms

Incoterms	FOB Ningbo or Shanghai; CIF and DAP quoted on request
Payment	30% T/T with order, 70% before shipment; L/C at sight for orders above US$ 100,000
Lead time	25–35 days for standard models; 45–60 days for gantry and CNC specials
Packing	Seaworthy plywood case, rust-preventive wrap, spindle and table locked, desiccant packs
Warranty	12 months from commissioning, max 15 months from shipment
Spare parts	held for 15 years after a model is discontinued
Service	remote diagnostics in 24 h; on-site commissioning available in Southeast Asia and the Gulf

Request a quote: pyeahgrind@163.com — tell us the workpiece, the tolerance and the table size, and we will quote the smallest machine that holds it.